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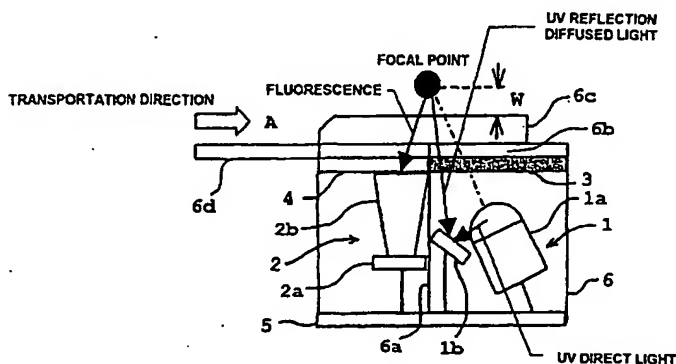
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(54) **Uv/fluorescence detecting apparatus and sensing method thereof**

(57) Providing a UV/fluorescence detecting apparatus and a sensing method thereof which is capable of detecting a fluorescent pattern and an ultraviolet reflection light and small and cheap. Further, providing a UV/fluorescence detecting apparatus and a sensing method thereof capable of detecting a fluorescence of a specific color. The UV/fluorescence detecting apparatus includes a sensor comprising a light source portion including an ultraviolet ray LED for emitting ultraviolet ray through an opening window portion and an ultraviolet ray monitor provided beside this ultraviolet ray LED, a

light detector portion disposed in a chamber partitioned with a partition plate for receiving an incident light impinging through the opening window portion, the partition plate 6a for partitioning between the light source portion and the light detector portion; a transparent body provided on the both opening window portions, a first filter provided on a window portion on projection side of the ultraviolet ray for allowing the light of an ultraviolet ray region thereof to pass through and a second filter provided on a window portion on light receiving side of the incident light for allowing the light of a visible light region thereof to pass through.



**FIG. 3**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 12 9446

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>13 January 2004</b>	Examiner <b>Bohn, P</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... &amp; : member of the same patent family, corresponding document</p>			

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